

10/19/01  
JC892 U.S. PTO

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Approved for use through 10/31/2002, OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages 34]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets    ]
- Oath or Declaration [ Total Pages 3 ]
  - a.  Unexecuted.
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 17 completed)*
- DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No.: \_\_\_\_\_ / \_\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Labelor  Correspondence address below

Name \_\_\_\_\_

**23543**

Air Products and Chemicals, Inc. \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip Code \_\_\_\_\_

Country \_\_\_\_\_

Telephone \_\_\_\_\_

Fax \_\_\_\_\_

Name (Print/Type)

Michael Leach

Registration No. (Attorney/Agent)

27,349

Signature

Date 10/19/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

830.00

## Complete if Known

|                      |              |
|----------------------|--------------|
| Application Number   |              |
| Filing Date          |              |
| First Named Inventor | Helmut Zecha |
| Examiner Name        |              |
| Group Art Unit       |              |
| Attorney Docket No.  | 06208 USA    |

10/19/01

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **01-0493**Deposit Account Name **Air Products and Chemicals, Inc.** Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

 Check     Credit card     Money Order     Other

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Fee Code                  | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description   | Fee Paid |
|---------------------------|-----------------------|-----------------------|---|----------|
| 105                       | 130                   | 205                   | 65 Surcharge - late filing fee or oath  |          |
| 127                       | 50                    | 227                   | 25 Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                       | 130                   | 139                   | 130 Non-English specification   |          |
| 147                       | 2,520                 | 147                   | 2,520 For filing a request for ex parte reexamination                         |          |
| 112                       | 920*                  | 112                   | 920* Requesting publication of SIR prior to Examiner action                   |          |
| 113                       | 1,840*                | 113                   | 1,840* Requesting publication of SIR after Examiner action                    |          |
| 115                       | 110                   | 215                   | 55 Extension for reply within first month                                     |          |
| 116                       | 400                   | 216                   | 200 Extension for reply within second month                                   |          |
| 117                       | 920                   | 217                   | 460 Extension for reply within third month                                    |          |
| 118                       | 1,440                 | 218                   | 720 Extension for reply within fourth month                                   |          |
| 128                       | 1,960                 | 228                   | 980 Extension for reply within fifth month                                    |          |
| 119                       | 320                   | 219                   | 160 Notice of Appeal  |          |
| 120                       | 320                   | 220                   | 160 Filing a brief in support of an appeal                                    |          |
| 121                       | 280                   | 221                   | 140 Request for oral hearing  |          |
| 138                       | 1,510                 | 138                   | 1,510 Petition to institute a public use proceeding                           |          |
| 140                       | 110                   | 240                   | 55 Petition to revive - unavoidable   |          |
| 141                       | 1,280                 | 241                   | 640 Petition to revive - unintentional  |          |
| 142                       | 1,280                 | 242                   | 640 Utility issue fee (or reissue)  |          |
| 143                       | 460                   | 243                   | 230 Design issue fee  |          |
| 144                       | 620                   | 244                   | 310 Plant issue fee   |          |
| 122                       | 130                   | 122                   | 130 Petitions to the Commissioner   |          |
| 123                       | 50                    | 123                   | 50 Processing fee under 37 CFR 1.17(q)  |          |
| 126                       | 180                   | 126                   | 180 Submission of Information Disclosure Stmt                                 |          |
| 581                       | 40                    | 581                   | 40 Recording each patent assignment per property (times number of properties) |          |
| 146                       | 740                   | 246                   | 370 Filing a submission after final rejection (37 CFR § 1.129(a))             |          |
| 149                       | 740                   | 249                   | 370 For each additional invention to be examined (37 CFR § 1.129(b))          |          |
| 179                       | 740                   | 279                   | 370 Request for Continued Examination (RCE)                                   |          |
| 169                       | 900                   | 169                   | 900 Request for expedited examination of a design application                 |          |
| Other fee (specify) _____ |                       |                       |   |          |

SUBTOTAL (1) (\$)

740

## 2. EXTRA CLAIM FEES

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 25                 | -20** = 5    | x 18           | = 90     |
| 2                  | -3** = 0     | x 84           | =        |
| Multiple Dependent |              |                |          |

## Large Entity Small Entity

| Fee Code (\$) | Large Entity Fee (\$) | Small Entity Fee (\$) | Fee Description  |
|---------------|-----------------------|-----------------------|--|
| 103           | 18                    | 203                   | 9 Claims in excess of 20                                     |
| 102           | 84                    | 202                   | 42 Independent claims in excess of 3                         |
| 104           | 280                   | 204                   | 140 Multiple dependent claim, if not paid                    |
| 109           | 84                    | 209                   | 42 ** Reissue independent claims over original patent        |
| 110           | 18                    | 210                   | 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)

90

\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)

0

## SUBMITTED BY

Complete (if applicable)

|                   |                      |                                      |        |           |                |
|-------------------|----------------------|--------------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Michael Leach        | Registration No.<br>(Attorney/Agent) | 27,349 | Telephone | (610) 481-8519 |
| Signature         | <i>Michael Leach</i> |                                      |        | Date      | 10/19/01       |

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